

JOHNSON HELMET

ABS shell with closed-cell foam padding. Inflatable head liner suspension. One size fits all. Colors: red or white.
Av. Wt. 22 oz. \$19.50



COOPER SK-600 HELMET

Adjustable, vented, high-density polyethylene shell with closed-cell foam liner and suspension system. Available in gold, red or green. Wt. 24 oz. \$27.00

NONA HELMET

Vented fiberglass shell with foam lining. Two sizes: to 7 and from 7½ up. Colors orange or white.
Av. Wt. 2 lbs., 10 oz. \$32.95
Chin Cup \$.50
Visor (amber or grey) \$2.00

FOOT PUMP

Reliable foot bellows for inflatable boats and air mattresses. Wt. 8 oz. \$11.75

HIGH-VOLUME HAND PUMP

Cylindrical ABS pump for fast inflation and for high air pressures. Light and durable. Wt. 3 lbs., 4 oz. \$40.00



PRESSURE GAUGE

Handy, highly-sensitive air pressure gauge. Range: 0 to 8.5 lb/sq. in.
Wt. 32 oz. \$15.00

OMEGA VEST

U.S.C.G. approved, lightweight vest. Vertical foam panels covered with nylon taffeta. Corrosion-resistant zipper. Sizes: S (30-34), M (34-38), L (40-44), and XL (46-50). Color: yellow.
Small and Medium
Av. Wt. 14 oz. \$31.50
Large and X-Large
Av. Wt. 14 oz. \$32.50

STEARNS "DELIVERANCE" VEST

Wide panels of ensolite with taffeta covering. U.S.C.G. approved. Sizes: S, M, L, XL. Colors: red and gold.
Av. Wt. 1 lb., 4 oz. \$34.50

SEDA VEST

U.S.C.G. approved P.F.D. with narrow vertical tubes of segmented, closed-cell foam. Taffeta covering. Elasticized for optimum fit. Sizes: S, M, L. Colors: orange or red. Av. Wt. 16 oz. \$35.00

VINYL FABRICATORS FLOAT BAGS

Large-volume 20-mil. PVC bags with electronically sealed seams.
Bow Bag: 25" x 35" \$7.50
Wt. 1 lb., 3 oz.
Stern Bag: 30" x 60" \$7.50
Wt. 2 lbs., 2 oz.
Set, Wt. 3 lbs., 5 oz. \$14.00

VINYL FABRICATORS STO-FLOAT BAGS

20-mil PVC bags for storage and flotation. Inner storage compartment surrounded by outer air-containing section to insure double waterproofing and cushioning.
Bow Bag: 25" x 38", Wt. 2 lbs., 3 oz.
Stern Bag: 30" x 57", Wt. 2 lbs., 14 oz.
Set, Wt. 5 lbs., 1 oz. \$30.00

PHOENIX STO-FLOAT BAG

Doubles as stern float and storage bag. Sturdy 20-mil. PVC with five grommets and turn snaps. Size: 27½" x 31½".
Wt. 2 lbs., 2 oz. \$20.00

PHOENIX #2 STORAGE BAG

Heavy-duty 20 mil. vinyl bag with grommets and turn snaps. Size: 24" x 18".
Wt. 2 lbs., 2 oz. \$20.00

VINYL REPAIR KIT

A simple and highly effective remedy for punctured vinyl. Complete with cement and ample supply of vinyl swatches. This one really works. Wt. ½ oz. \$2.50

HYPALON REPAIR KIT

Repair kit for hypalon-coated inflatables. Wt. 2 oz. \$10.00



THE SKI HUT PADDLING SAILING PARKA

Custom-designed nylon shell with cuff and neck closures and generous sets. Raglan sleeves and ample under room for hoisting sail or active paddling. 6 oz. urethane-coated nylon duck with seams folded and double-sewn. Elastic cord in bottom hem. Colors: red or blue. Sizes: S-M (24-38), M-L (38-42), or L (42-up). Av. Wt. 14 oz. \$29.95

AQUATERRA NEOPRENE SPRAYSKIRT

Well-made neoprene spray skirt with internal closed-cell foam back pad. Accommodates wide variety of cockpit sizes. Sizes: S (28-30), M (31-33) or L (34-36). Av. Wt. 18 oz. \$29.95



VINYL FABRICATORS CAMERA BAG

Sophisticated double-chamber flotation storage bag provides vacuum-pack protection for camera or other fragile accessories. Outer casing: 13½" x 18". Inner casing 10" x 14".
Wt. 20 oz. \$9.95

YAKIMA CARRIER SYSTEM

Well-designed, multi-purpose roof rack consisting of two 54 inch anodized aluminum tubes with all necessary attaching hardware.
Bar Carrier \$17.00
Saddle Set (holds one boat) \$7.00

We also have a variable stock of non-cataloged accessories. Additional literature on these items is available on request.

FOOD ORDER FORM

For your convenience when ordering food, this page may be removed and used as a supplementary order form to indicate food choices. (Please attach this form to regular form at back of catalog.) You will receive replacement order forms with your order.

Discount policy:

10% on orders over \$250.00 — 20% on orders over \$500.00.

All weights are supplied by manufacturers. All prices are subject to change without notice.

KEY TO SUPPLIERS

RM - Richmoor
W - Wilson

DL - Dri-Lite
O - Oregon Freeze Dry

Due to varying availability of stock, food items will not be back ordered. A refund will follow shipment of items in stock.

Grey columns are for office use. Please do not write in these spaces.

Item	Weight	Servings	Price	Quan	Total
BREAKFAST ITEMS					
Cheese Omelette (O)	2.4 oz.	2	1.75		
Mexican Omelette (O)	2.9 oz.	2	2.20		
Scrambled Eggs (RM)	3.5 oz.	4	1.65		
Instant pre-cooked eggs (O)	2 oz.	2	1.75		
Pre-cooked eggs w/real bacon (O)	2.1 oz.	2	1.75		
Western Omelette (RM)	4.2 oz.	2	1.90		
Buttermilk Pancake Mix (DL)	11 oz.	4	.75		
Blueberry Pancake Mix (RM)	11.25oz.	4	.85		
Maple Syrup Mix (DL)	6 oz.	4	.50		
Boysenberry Syrup Mix (DL)	6 oz.	4	.60		
Granola & F.D. Blueberries (O)	4 oz.	2	1.40		

LUNCHEON ITEMS

Chicken Salad (RM)	3.5 oz.	4	2.70		
Peanut Butter (DL)	4.25oz.	4	.75		
Blackberry Jelly (RM)	2.5 oz.	4	.25		
Cheddar Cheese (RM)	3.75oz.	4	1.30		
Pilot Biscuits (RM)	10 oz.	4	1.30		

GOURMET LUNCHEON ENTREES

Chicken & Rice (O)	3.7 oz.	2	2.60		
Beef Almondine (O)	3.3 oz.	2	2.60		
Tuna a la Neptune (O)	3.6 oz.	2	2.60		
Turkey Tetrazzini (O)	3.2 oz.	2	2.60		

DINNER ITEMS WITH MEAT

Beef Stew (O)	3.75oz.	2	2.20		
Chicken Stew (O)	3.6 oz.	2	2.20		
Chicken Pilaf (O)	4.75oz.	2	2.35		
Chicken Chop Suey (O)	3.4 oz.	2	2.40		
Vegetable Beef Stew (O)	3.4 oz.	2	2.00		
Beef and Rice w/Onions (O)	4.8 oz.	2	2.10		
Beef Chop Suey (O)	3.4 oz.	2	2.25		
Sunset Supper w/F.D. Ham (DL)	11.25oz.	4	4.25		
Beef and Potatoes (O)	4 oz.	2	2.00		
Beef Stroganoff (O)	3.6 oz.	2	1.90		
Beef Stroganoff (RM)	12.75oz.	4	3.95		
Chili and Beans (O)	5.5 oz.	2	2.10		
Chili Mac w/Beef (O)	3.8 oz.	2	1.65		
Chili Mac w/Beef (RM)	11.25oz.	4	3.00		
Cheese Romanoff w/Ham (RM)	13.75oz.	4	4.35		
Shrimp Creole (O)	3.8 oz.	2	2.60		
Spaghetti w/Meatballs (RM)	13 oz.	4	3.70		

subtotal

DINNER ITEMS WITH MEAT (Con't.)

Lasagna w/Meatballs (RM)	13.5oz.	4	4.70		
Franks and Beans (O)	5.3 oz.	2	2.35		
Shrimp Cocktail (O)	1.75oz.	2	3.15		

MEATLESS DINNER ITEMS

Lasagna w/Italian Sauce (RM)	5.5 oz.	2	1.50		
Spaghetti w/Tomato Sauce (RM)	5.5 oz.	2	1.00		
Macaroni and Cheese (O)	4.5 oz.	2	1.60		
Macaroni and Cheese (RM)	12.5oz.	4	1.70		
Spanish Rice (RM)	11 oz.	4	2.50		
Vegetarian Vegetable Stew (RM)	6.5 oz.	4	2.50		

MEATS

Rib Eye Beef Steaks (O)	3 oz.	2	5.00		
Beef Jerky	1 oz.		.85		
Beef Jerky	4 oz.		2.80		
Beef Jerky	16 oz.		10.75		
Bacon Bar (prefried) (W)	3 oz.		2.50		
Meat Bar	2 oz.		1.95		
Campin' Bacon (can)	4 oz.	2-3	2.50		
Campin' Bacon (can)	16 oz.	6-8	7.75		
Beef (freeze dried) (DL)	1.25oz.	3	2.25		
Chicken (freeze dried) (DL)	1.25oz.	3	2.25		
Ham (freeze dried) (DL)	1.25oz.	3	2.50		
Textured Vegetable Protein (DL)	3 oz.		.75		
Turkey (freeze dried) (DL)	.75 oz.	2	1.65		

VEGETABLES

Hash Browns (RM)	6.5 oz.	4	1.00		
Hash Browns O'Brien (RM)	6 oz.	4	1.20		
Carrots (DL)	2 oz.	4	.80		
Corn (O)	2 oz.	4	1.00		
Green Beans (DL)	1 oz.	4	1.25		
Peas (DL)	2 oz.	4	1.25		
Peas and Carrot Duet (DL)	2 oz.	4	1.15		

FREEZE-DRIED COMPRESSED FOODS (O)

Green Peas	4.5 oz.	5	2.65		
Green Beans	1.6 oz.	5	2.60		
Corn	4.9 oz.	5	2.60		
Beef and Rice w/Onions	5.4 oz.	2	3.35		
Vegetables-Beef Stew	3.8 oz.	2	3.50		
Shrimp Creole	4.2 oz.	2	3.65		

subtotal

Item	Weight	Servings	Price	Quan	Total
SOUPS					
Maggi Swiss Soups					
Egg Macaroni	2.6 oz.	4	.65		
Eleven Vegetables	1.8 oz.	4	.65		
Leek and Potato	2.3 oz.	4	.65		
Minestrone	2.7 oz.	4	.65		
Mushroom	2.3 oz.	4	.65		
Noodle w/ Meatballs	2.4 oz.	4	.65		
Noodle w/ Chicken	2.2 oz.	4	.65		
Onion	1.9 oz.	4	.65		
Oxtail	2.5 oz.	4	.65		
Case of Maggi Soups, 12/case	28 oz.		7.50		

TRAIL SNACKS/FRUITS					
Ricola Herb Candy	3 oz.	4	.90		
Dextro-Energen (Dextrose Cubes)					
Peppermint	2 oz.		.50		
Lemon	2 oz.		.50		
Hershey Tropical Chocolate	1 oz.	1	.30		
Case of Hershey Tropical Chocolate 600/case	39 lbs.	1	75.00		
Cotlet Bar (RM)	1 oz.	1	.25		
Pineapple Tidbits (DL)	5 oz.	4	1.25		
Apple Slices (DL)	4 oz.	4	1.70		
Cinnamon Apple Chips (RM)	3.75 oz.	4	1.70		
Peaches (O)	1 oz.	2	1.50		
Strawberries (O)	1 oz.	2	2.10		
Banana Chips (DL)	4 oz.	4	.85		
Fruit Cocktail (DL)	6 oz.	4	2.00		

DESSERTS					
Applesauce (O)	4 oz.	4	1.15		
Fruit Cocktail (DL)	5.75 oz.	4	2.00		
Fruit Salad (DL)	6 oz.	4	1.50		
Sierra Salad (DL)	4 oz.	4	.95		
Butterscotch Pudding (DL)	6 oz.	4	.90		
Chocolate Pudding (DL)	7.5 oz.	4	.95		
Vanilla Pudding (DL)	6 oz.	4	.90		

subtotal

BEVERAGES					
Wylor's Drink Mixes					
Cherry	3 oz.	1 qt.	.30		
Grape	3 oz.	1 qt.	.30		
Lemonade	3 oz.	1 qt.	.30		
Pink Lemonade	3 oz.	1 qt.	.30		
Orange	3 oz.	1 qt.	.30		
Strawberry	3 oz.	1 qt.	.30		
Iced Tea	1.5 oz.	1 qt.	.30		
Case-Wylor's Drink Mixes, 48/case	10.3 lbs.		14.00		
Chocolate Ice Cream Shake (O)	4.8 oz.	2	1.65		
Vanilla Ice Cream Shake (O)	4.8 oz.	2	1.65		
Strawberry Ice Cream Shake (O)	4.8 oz.	2	1.65		
Whole Milk (DL)	4 oz.	4 qt.	1.00		
Nestle Cocoa	1 oz.	1 qt.	.15		
Case-Nestle Cocoa, 48/case	3 1/2 lbs.		7.00		
Coffee in foil packages (O)		10	1.00		
Orange Juice (RM)	4.75 oz.	4	1.10		
Lemon-Lime Gatorade (RM)	1.75 oz.	4	.40		
Orange Gatorade (RM)	1.75 oz.	4	.40		

NATURAL FOODS

Familia (box)	12 oz.		1.75		
Muesli Fruit Biscuits	6 oz.		.90		
Salted Soy Nuts	1.5 oz.	1	.30		
Pemmican-Running Bear's	3.75 oz.	1-2	.85		
Case-Running Bear's Pemmican, 18/case	5 lbs.		15.00		

MISCELLANEOUS

Sourdough Starter	.5 oz.		1.50		
Vegetene (cooking oil)	1 oz.		.70		
Margarine Spread (DL)	3 oz.	4	.50		

subtotal

TOTAL



ALUMINUM SCOUT KETTLES

Swiss-made nesting kettles of first-quality workmanship. Securely fastened bail handles which lock into an upright position. The lid of each kettle also serves as a plate or pan.

2½ pint 6¼" dia. wt. 8¾ oz. \$12.50

3½ pint 7¼" dia. wt. 11½ oz. \$13.25

MESS KIT

Spun aluminum. Includes 8" plate, 7" fry pan, 6¼" dia. pot with lid, spring pot gripper, and plastic cup. Packs into neat unit 2½" x 8" diameter. Exceptionally lightweight and an excellent value.

Wt. 13 oz. \$5.25



TWO-MAN MOUNTAIN COOKSET

Strong and compact aluminum 3-piece set consisting of two pots with bail handles and a fry pan with folding wire handle.

Wt. 21 oz. \$5.00

SIERRA CUP

Classic stainless steel design, far superior to other metals as it is less prone to heat up when filled with hot liquids. The steel wire handle remains cool and can be easily hooked onto belt. Useful for stews, cereals, etc., as well as beverages. 4½" top diameter, 3⅞" at base, 1¾" deep, nesting. Wt. 3 oz. \$1.65

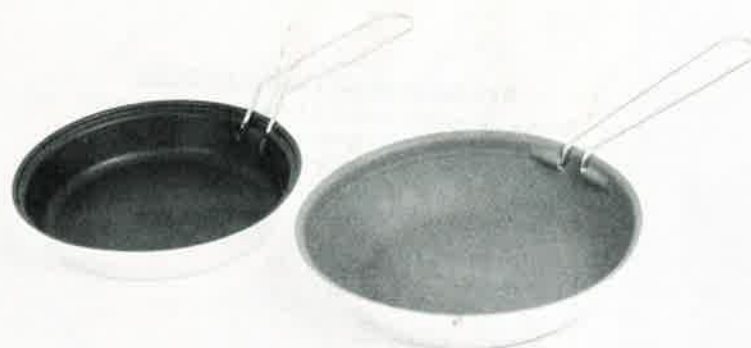
Set of 3 \$4.80

PLASTIC CUP

Tough, flexible polypropylene. Marked in ¼-cup increments. Cups nest for packing.

Wt. 1 oz. \$.35



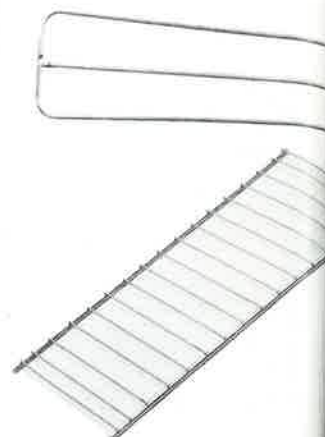


OPTIMUS TEFLON II FRY PAN

Steel fry pan from Sweden with Teflon II coating. Makes an excellent omelet pan. Rounded edges for easy cleaning. Easily attached 7" wire handle folds for quick storage. 7½" diameter, 1½" deep.
Wt. 8 oz. \$8.75

PALCO FRY PAN

Lightweight aluminum non-stick frying pan. Foldaway handle for easy packing. 7¼" diameter, 1¾" deep.
Wt. 5½ oz. \$3.75



CAMPTRAILS GRILL

Lightweight tubular stainless steel. 5" (width tapers to 4") comes with nylon.
Wt. 4½ oz. \$

MOUNTAIN GRID

Lightweight cooking grid of spot-welded chrome plated steel. 8" x 15" size fits into pack.
Wt. 9 oz. \$



SPATULA

Rustproof, light stainless steel blade. Hardwood handle with brass rivets.
2" x 2¾" blade, wt. 1½ oz. \$2.50

NYLON SPATULA

Fiberglass-reinforced nylon. Heat-resistant up to 495°F. Ideal for Teflon surfaces.
Wt. 2 oz. \$.85



COMPARTMENTED PLATE

Tough polypropylene dishes nest for easy storage. 8¼" diameter.
Wt. 2¼ oz. \$.25



HOT POT TONGS

Lightweight aluminum for gripping pots. Hook for lifting wire bales.
Wt. 3¾ oz. \$2

STEEL POT GRIPPER

Spring-loaded grip. Stronger than aluminum for lifting heavy pots. 6" handle.
Wt. 3¼ oz. \$1



BOTAS

Authentic Basque winebags. Made of natural tan suede. Lined with tasteless clear coating to protect contents. Red sling cord. Contents can either be poured from the filler spout or squirted directly into the mouth.

1 quart kidney, wt. 6 oz. \$10.00
1½ quart kidney, wt. 6½ oz. \$11.00
1 quart teardrop, wt. 5 oz. \$11.00
1½ quart teardrop, wt. 6 oz. \$12.00



KNIFE FORK SPOON SET

Stainless steel components nest in knife handle. Length: 7½".
Wt. 4 oz. \$2.25



SALT AND PEPPER SHAKER

Small two section plastic container keeps condiments separated. Screw on caps.
Wt. ½ oz. \$.75

HANDY OPENER

Tiny, lightweight, efficient folding can opener. Doubles as screwdriver and lid pryer. Wt. ¼ oz. \$.20

BOTTLES WITH ATTACHED CAP

Made in Austria of non-breakable soft polyethylene. Vertical corrugations for strength. Non-loseable plug stopper and screw cap.

1 pt., Wt. 2¼ oz.	\$1.50
1½ pt., Wt. 3 oz.	\$1.65
1 qt., Wt. 3½ oz.	\$1.75

PLASTIC WIDE-MOUTH BOTTLES

Unbreakable polyethylene. Positive sealing heavy-duty lid.

1 pt., Wt. 2¾ oz.	\$1.35
1 qt., Wt. 5½ oz.	\$2.25

WIDE MOUTH BOTTLES WITH ATTACHED CAP

A plastic bottle with a non-loseable plug stopper and screw cap.

1 pt., Wt. 2½ oz.	\$1.00
1 qt., Wt. 3 oz.	\$1.25



COLLAPSIBLE WATER CONTAINER

Plastic container from Canada holds 2½ gallons. Dispensing tap.

Wt. 5½ oz.	\$3.50
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POLY-SQUEEZE TUBE

Solves the packaging problem for hard-to-carry foods; jams, margarine, honey, peanut butter. Refillable by disengaging the clip at the end. Eggs can be broken into the open tube; yolks will usually remain intact for quick and easy fried eggs in the morning. Comes complete with a clip.

Wt. ½ oz.	3 for \$1.35
Extra Clips	\$.15 ea.



PLASTIC FLASK

Unbreakable. Translucent frosted finish. Shaped to fit hip. 10 oz. capacity. Two caps; outer one measures 1 fluid oz. Wt. 2 oz.



SIGG ALUMINUM BOTTLES

Swiss made. Bottles are leakproof and non-corrosive. Plastic cap. Good for fuel bottles.

Red Anodized Finish

Pint, Wt. 4½ oz.	\$5.00
Quart, Wt. 6 oz.	\$6.00

Spun Aluminum Finish

Pint, Wt. 4½ oz.	\$3.75
Quart, Wt. 6 oz.	\$4.25

FUEL CONTAINERS

Flat type, leak-proof, non-corrosive metal. Brass pouring spout and filling cap. Built-in filtering screens.

Pint, 4" x 1¾" x 4½"	
Wt. 4 oz.	\$4.50
Quart, 4" x 1¾" x 9½"	
Wt. 6 oz.	\$5.50

STOVE

SVEA 123-R

This Swedish classic remains the most popular backpacking stove on the market today. Small, lightweight and easy to operate, it will provide its owner with years of hot meals. Burns about 1 hour on 1/2 pint of white gasoline. Burner has self-cleaning device. Rated to boil 1 quart of water in 6 minutes. Requires no pumping. Fuel tank has safety valve. Integral windscreen also serves as a stand for pots. A small pot is included with stove. Packed size with windscreen and pot—5" high x 3 1/4" diameter. Wt. 18 oz. \$29.00



OPTIMUS MINI-PUMP

Improves the cold weather and high altitude starting of Optimus self-pressured pack stoves. (Svea 123-R, 8 R, and 99). Simply replace the stove's regular fuel tank pressure cap with the special mini-pump pressure cap and slip the mini-pump over the cap, pumping a few times to force fuel into the priming cup. Then remove the pump until the next time it is needed. Overall length of pump is 2 1/2". Wt. 2 oz. \$6.00



OPTIMUS 99

A compact, two-piece stove. The cover doubles as a saucepan. Windscreen is included. Burns white gas and does not require pumping. Self-cleaning. Fuel capacity 1/3 pt. Rated to boil 1 quart of water in 7 minutes. Size closed: 5" x 5" x 3.2". Wt. 23 oz. \$34.00





PHOEBUS 625

Ideal for high-altitude expeditionary use, this compact and versatile Austrian stove is rated to boil one quart of water in 4 minutes. Burns white gas, but regular gas may be used if the cooking area is properly ventilated. Burns 2 3/4 hours on one pint of fuel. Packed in 5 1/2" dia. x 7 1/2" metal cylinder.

Wt. 44 oz. \$35.00

PHOEBUS 725

A smaller version of the famous 625 expeditionary stove and the most trouble free unit we've ever handled. Packed in a metal container. Flat tank for increased stability. Rated to boil 1 quart of water in 5 minutes. 1/2 pint of fuel lasts for 1 1/2-2 hours. Tank diameter: 5 1/2". Stove height: 4 1/2".

Wt. 31 oz. \$27.50



STOVE	WT.	FUEL TYPE	CAPACITY	BURNING TIME (MINUTES)	TIME TO BOIL (MINUTES)	
					NORMAL	COLD
Svea 123-R	18 oz.	White Gas	1/3 pt.	45-60	6	15
Optimus 99	23 oz.	White Gas	1/3 pt.	30-45	10	22
Phoebus 625	40 oz.	White Gas	1 pt.	70-80	6	8
Phoebus 725	24 oz.	White Gas	1/2 pt.	150-165	4	7
Optimus 00	25 oz.	Kerosene	1 pt.	120-150	6	7
Mini	8oz.	Butane	6 3/4 oz.	120-150	8	12



OPTIMUS 00

Burns kerosene. Ideal for international travel since kerosene is available almost everywhere. Burns about 2 hours on 1 pint of fuel. Rated to boil 1 quart of water in 3-5 minutes. 5 1/2" x 3 3/4". Wt. 25 oz. \$34.00



MINI-STOVE

This little stove is lightweight, compact, efficient and easy to assemble. It operates on a liquid-feed principle giving excellent low temperature performance. Burns about 2 1/2 hours per cartridge. Boils 1 quart of water in about 6 minutes. Wt. with one cartridge: 17 1/2 oz. \$18.00
Additional cartridges, Wt. 9 1/4 oz. \$1.40

NATURE AND PICTORIAL

DEATH VALLEY. Ansel Adams and Nancy Newhall. 1970 revised edition. A collection of spectacular photographs in color and black and white by Adams. History and guide to this unique region by Newhall. Large format. \$5.95

HIMALAYAS. A fantastic collection of exquisite photographs showing the grandeur of this breathtaking range of the world's highest mountains. A large book (12" x 16") in an elegant cloth covered slip case featuring over 250 photographs with comments by the King of Nepal, Arnold Toynbee and Sir Edmund Hillary. A truly fine artistic achievement by Yoshikazy Shirakawa, Japan's finest photographer who spent years in bringing the Himalayas to life through his photographs. A collectors item. \$100.00
Concise Paperback Edition \$18.50

JOHN MUIR IN YOSEMITE. Shirley Sargent. A longtime Yosemite resident tells the story of John Muir and his love affair with the Valley. Especially interesting are the historical photographs and sketches by Muir. \$1.50

SLICKROCK—THE CANYON COUNTRY OF SOUTHEAST UTAH. Words by Edward Abbey. Photographs and commentary by Philip Hyde. A fortunate collaboration between author and photographer. The book is beautifully put together and the text and photographs are informally combined in a superb layout. Immensely readable text tells of the history, the beauty and the danger to this (as yet) unspoiled country. Paper. \$4.95

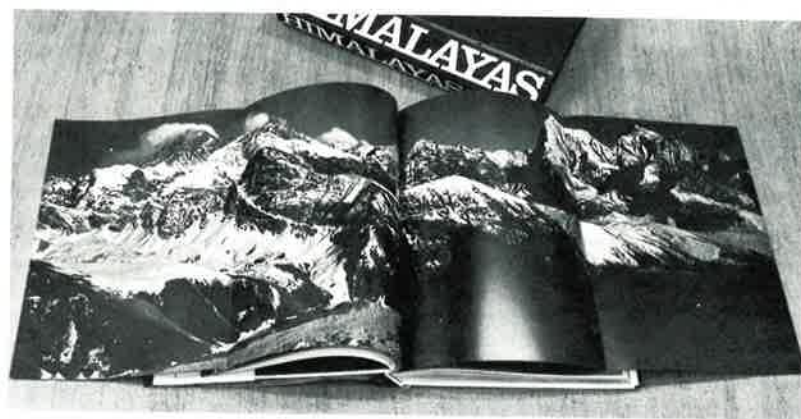
THE TETONS AND THE YELLOWSTONE. Ansel Adams and Nancy Newhall. Superb photographs by Adams with history and additional text by Newhall. Large format. \$5.95

TOP OF THE WORLD POSTER. A 6 foot panorama showing the grandeur of the Himalayas focusing on Mount Everest and the surrounding peaks. \$6.00

NATURE PHOTOGRAPHY

THE COMPLETE BOOK OF NATURE PHOTOGRAPHY. Russ Kinne. By a working naturalist and skilled photographer. Provides information on equipment and technique that will interest and instruct the advanced as well as beginning nature photographer. Photography of rocks, minerals, underwater life, insects, birds, mammals, etc. Many photographs. \$10.95

FIELDBOOK OF NATURE PHOTOGRAPHY. Patricia Maye. A pocket sized Sierra Club totebook which contains a wealth of valuable information which should clarify many of the inevitable problems of the nature photographer. Foreword by Ansel Adams. \$6.95



BIG WALL CLIMBING. Doug Scott. A sound historical background on the development of big wall climbing with a unique collection of photographs and diagrams aiding discussion of attitudes, equipment, and techniques covering all the major rock faces of the world. \$12.50

HUNTING WITH A CAMERA. Erwin A. Bauer. An illustrated straightforward explanation of what photographic expeditions involve, accompanied by a region-by-region discussion of the photographic opportunities in North America, Africa, Indian Ocean, Antarctica, and elsewhere. \$12.95



MOUNTAINEER'S LIBRARY

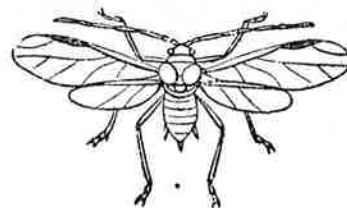
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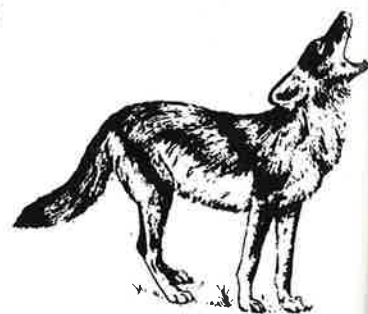
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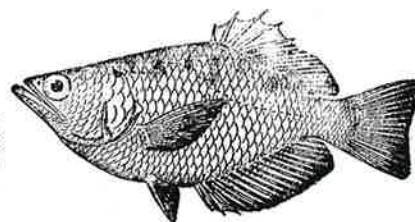
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A warm sleeping bag is essential to any campers comfort and is probably his most important single purchase. The back-packer will also require a sleeping bag that is lightweight and compresses easily for packing. Often people when shopping for a sleeping bag will ask for "the best bag in the house." There is no such animal; there is only the bag best suited to an individual's needs. As a general rule, one should choose a bag for the coldest use expected and select the highest quality that you can afford.

TRAILWISE SLEEPING BAGS

TENAYA NYLON was developed by Trailwise for use in constructing down-filled sleeping bags. Beginning with a 50 denier high-tenacity thread, Tenaya is tightly woven with 160 x 110 threads per inch. This resulting high density, combined with a special finishing process, produces a down-proof, water-resistant fabric with low permeability. Tenaya has a smooth even texture and its weight to strength ratio is outstanding.

DOWN. A sleeping bag does not produce warmth; it acts as an insulator to conserve body heat. Ounce for ounce, down provides more insulative dead air space than any other material. Down varies greatly in quality. The best down is obtained from mature geese. Even the best down comes in two quality grades: "bag-grade" down (used by most manufacturers) contains from 12% to 20% feathers; "garment-grade" down (used by Trailwise) which contains only 10% or less feathers and has a minimum filling capacity of 600 cubic inches as compared to the industry standard of 550 cubic inch fill capacity.

SHAPE. All Trailwise bags are of a mummy or modified mummy design. This design significantly increases the insulating efficiency while keeping weight to a minimum.

DIFFERENTIAL. All sleeping bags consist of an inner and an outer shell holding insulating material between them, to achieve maximum lofting and to prevent cold spots. Trailwise sleeping bags are differentially designed, i.e. the inner shell is smaller in dimension than the outer shell.

BAFFLES. Hot-cut from strong nylon netting and sewn between the two shells to contain the down and to prevent its shifting and bunching. Trailwise uses a slant baffle which is offset a full half-tube width for maximum loft. These baffles are sewn into a Chevron pattern which further reduces down-shift and places cross-tension on the shell material, rather than on the stitching, for a much stronger bag. Each baffle is separately sewn off to make each down tube a closed unit, completely eliminating down-shift between tubes.

ZIPPERS. All Trailwise bags come with a heavy coil nylon zipper which may be opened independently from head or foot for optimum temperature control and ventilation. These bags may be zipped together to form a double bag even though length and style may vary.

DRAFT FLAP. Trailwise uses a down-filled draft flap behind the bag zippers to eliminate this potentially cold area. These oversize flaps are offset, overlapping, and attached with two widely spaced seams to assure a positive draft seal.

HOOD. The hood and shoulder areas of Trailwise sleeping bags are shaped and contoured so that they readily form a smooth effective hood when pulled shut.

FINISH. All exposed raw edges of Trailwise sleeping bags are covered with nylon bias tape. Each bag is constructed by a single seamstress who is personally responsible for that bag, assuring quality control impossible with assembly line construction.

NAME OF BAG	FABRIC	TUBE PATTERN	LENGTH INCL. HOOD	INSIDE CIRC. AT SHOULDER	INSIDE CIRC. AT ANKLES	DIFFERENTIAL CUT	FILL	WEIGHT FILL	LOFT	MIN. TEMP.
SLIMLINE 3	Tenaya	Chevron	83"	50"	26"	7 1/2"	Goose Down	24 1/2 oz.	8"	0°
NORRLAND 4	Tenaya	Chevron	87"	54"	33"	10"	Goose Down	39 oz.	9"	5°
CHEVRON 3	Tenaya	Chevron	82"	54"	28"	17 1/2"	Goose Down	50 oz.	11"	-20°
NOVA 4	Tenaya	Lateral	83"	56"	34"	5"	Goose Down	24 oz.	6"	15°
MANATEE 4	Ripstop	Lateral	86"	54"	35"	3 1/2"	Polarguard	56 oz.	7"	15°
SHENANDOAH Med.	Ripstop	Lateral	84"	53"	38"	5"	Polarguard	46 oz.	5 1/2"	15°

*Temperature ratings are very subjective. Under the same conditions, you may be warm and your friend cold with the same bags. Our temperature ratings should only be used as an index of comparison between bags.

SLIMLINE



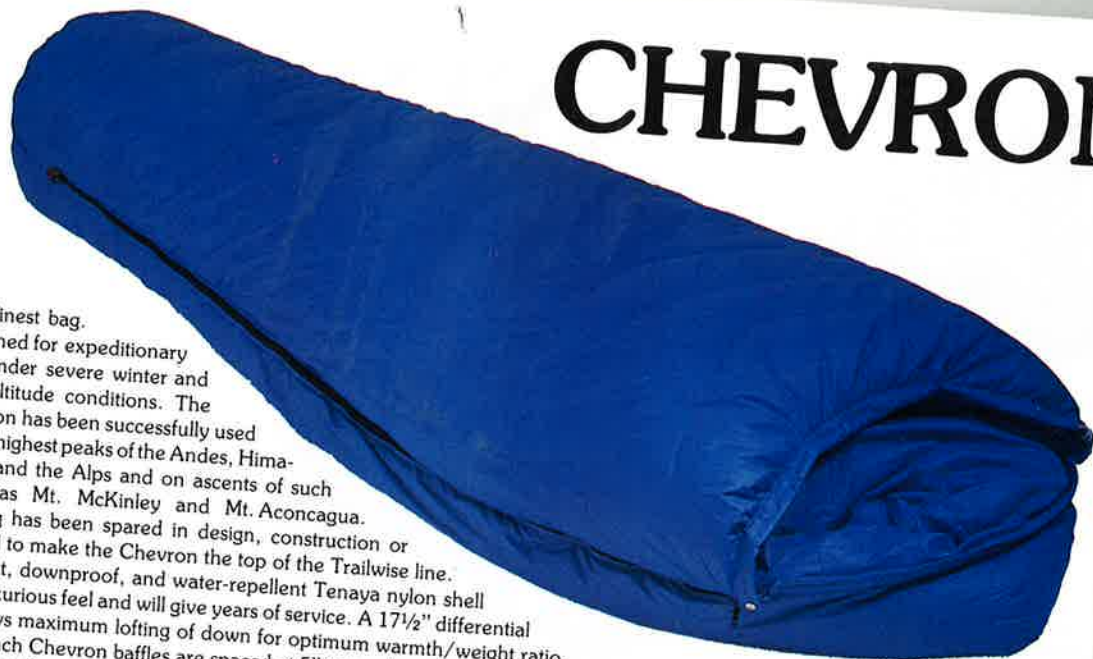
The Slimline, our most popular bag, is designed for the mountaineer or backpacker who must keep weight and bulk to a minimum without sacrificing warmth. The snug, form-fitting Slimline shell minimizes heat loss, resulting in a more efficient, warmer bag. A 7½" differential cut allows maximum lofting of the "600" goose down, while slanting Chevron baffles sewn at 5" intervals stabilize the down. Each tube is individually sewn off to positively eliminate down shift between tubes. The Slimline is a versatile bag for use under all but the most extreme conditions. The shell is made of the finest water-repellent Tenaya nylon. A nylon coil double slider zipper is available on either right or left side so that the Slimline may be ordered in matching pairs that zip together. The double slider arrangement also allows the bag to be opened from head and foot for maximum ventilation and temperature control. Self-forming draw cord hood. Colors are blue or green. Supplied with stuffsack.

SLIMLINE 1 (will fit persons up to 5'8")	22½ oz. fill.	
Wt. 42½ oz.		\$140.00
SLIMLINE 3 (will fit persons up to 6')	24½ oz. fill.	
Wt. 45½ oz.		\$144.00
SLIMLINE 5 (will fit persons up to 6'5")	28½ oz. fill.	
Wt. 50 oz.		\$148.00

The Slimline and Norrland bags are available with a 6 oz. overfill for \$16.50. Specify "overfill" when ordering and allow 3-4 weeks for delivery.



CHEVRON



Our finest bag.
Designed for expeditionary use under severe winter and high altitude conditions. The Chevron has been successfully used on the highest peaks of the Andes, Himalayas, and the Alps and on ascents of such giants as Mt. McKinley and Mt. Aconcagua. Nothing has been spared in design, construction or material to make the Chevron the top of the Trailwise line. The light, downproof, and water-repellent Tenaya nylon shell has a luxurious feel and will give years of service. A 17½" differential cut allows maximum lofting of down for optimum warmth/weight ratio. Seven-inch Chevron baffles are spaced at 5" intervals and slanted a full half-tube width for greater thermal efficiency. 72" nylon coil double slider zipper on right or left side allows bags to be zipped together. Complete ventilation and temperature control is provided by the double slider zipper which may be opened from head and foot. Self-forming drawcord hood. Color is blue. Supplied with stuffsack.

CHEVRON 3 (will fit persons up to 6'2") 50 oz. fill. Wt. 74 oz.	\$210.00
CHEVRON 5 (will fit persons up to 6'5") 58 oz. fill. Wt. 84 oz.	\$220.00

NORRLAND



Cut fuller at the shoulder and elbow sections than the Slimline bag. Recommended for those who feel confined by the slimmer mummy style and who do not need the warmth of the Chevron. Shell is light, downproof Tenaya nylon. A 10" differential cut allows full lofting of the "600" goose down. Down shift between tubes is eliminated by closing each tube individually. Slanting Chevron baffles sewn at 5" intervals stabilize the down. Norrland bags may be ordered in matching pairs that zip together. 72" double slider nylon coil zippers on right or left side. Bag may be opened from head and foot for maximum ventilation in warmer weather. The Norrland is supplied with stuffsack. Self-forming draw cord hood. Color is green. NORRLAND 2 (will fit persons up to 5'10") 34 oz. fill. Wt. 57½ oz. \$165.00
NORRLAND 4 (will fit persons up to 6'2") 39 oz. fill. Wt. 62½ oz. \$175.00

NOVA



The Nova is a lightweight, slim-cut bag in a half offset straight tube design. Great for the summer backpacker and for winter cabin use. 5" differential cut allows the goose down to loft up to 6". The simple 5" lateral baffling makes good use of the down and allows the Tenaya nylon shell to do a good job. A double slider nylon coil zipper is available on either the right or the left sides to allow two bags to be zipped together, as well as to provide ventilation from both the head and foot ends of the zipper. A down filled draft flap covers the zipper. Self forming drawcord hood. Stuffsack included. Color is blue. NOVA 2 (will fit persons up to 5'10") 22 oz. fill. Wt. 41½ oz. \$119.00
NOVA 4 (will fit persons up to 6'2") 24 oz. fill. Wt. 44¼ oz. \$124.00

MANATEE



An all-around 3 season bag with Ripstop nylon shell and Polarguard fill. Polarguard, developed by Celanese, retains its insulating qualities through repeated soakings and abuse. It absorbs only 1/10 of 1% of its weight in water so that, even if the Manatee gets wet, it is quickly and easily dried in the sun. Being a synthetic fiber, Polarguard is the logical choice of those who are allergic to down. Modified mummy styling. Lateral baffling. Drawcord hood. Two-way separating nylon zipper on right or left side allowing bags to be zipped together. Color: rust or green. MANATEE 2 (will fit persons up to 5'10") Approximate fill wt. 52 oz. Wt. 60 oz. \$65.00
MANATEE 4 (will fit persons up to 6'2") Approximate fill wt. 56 oz. Wt. 64 oz. \$69.00

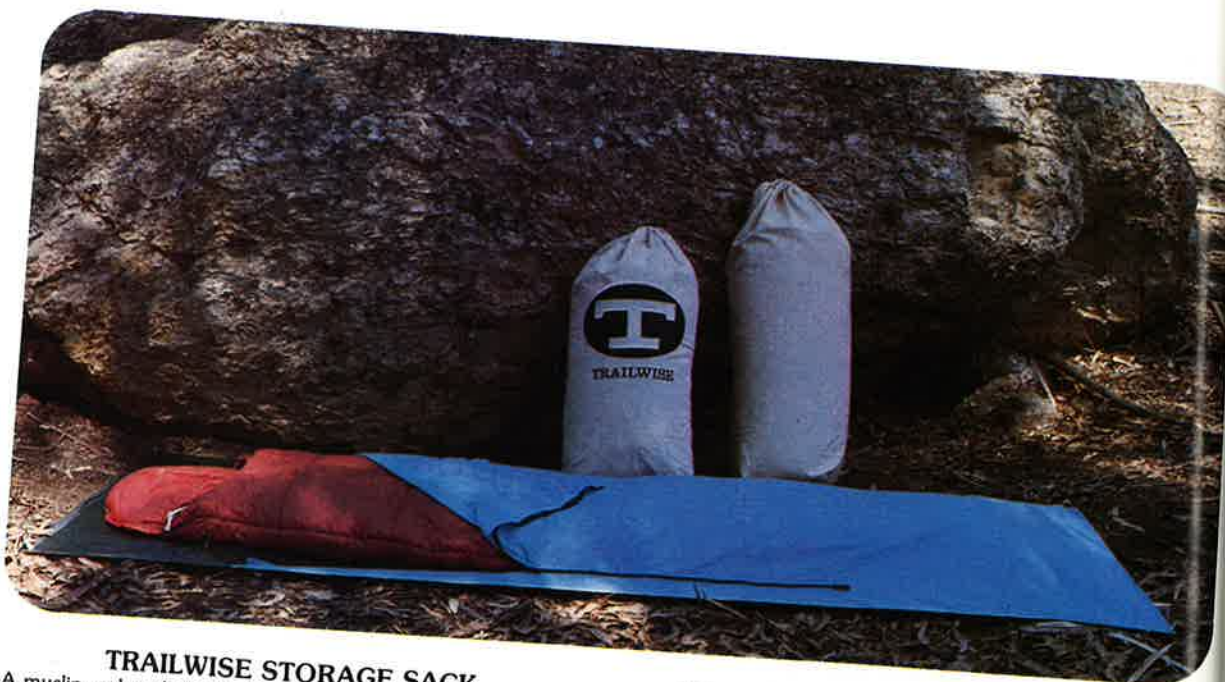
SHENANDOAH

by Camp Seven



A Polarguard polyester filled sleeping bag made from 1.9 Ripstop nylon. Polarguard® is a continuous filament filling material that won't lump or shift in use. Modified mummy cut. Rated to 15 degrees. This bag is well made and features a 5" differential cut allowing 5½" of loft. No sewn through seams. Fully baffled down flap along the two way zipper. Three way hood closure with velcro patch and drawstring clamp. Machine washable. Stuffsack included. Color: blue. Average fill 46 oz. Polarguard®.

Shenandoah Small, (to 5' 6"), left zipper only. Wt. 3 lbs. 8 oz.	\$70.00
Shenandoah Medium, (to 5' 11"), Wt. 4 lbs. 5 oz.	\$75.00
Shenandoah Large, (to 6' 6"), Wt. 4 lbs. 12 oz.	\$80.00



TRAILWISE STORAGE SACK

A muslin sack with the Trailwise logo for sleeping bag storage. Oversized to prevent the crushing of down while protecting your bag. 30" long with drawstring closure.

Wt. 8 oz. \$4.00

SLEEPING BAG STORAGE SACK

An oversized, breathable fabric sack for storing your sleeping bag without crushing the down. 12" x 35" with drawstring closure. Adaptable for a variety of uses. Color: assorted.

Wt. 8 oz. \$5.00

SLEEPING BAG COVER/BIVOUAC SAC

Rectangular shape to fit sleeping bag. Coated nylon bottom panel is waterproof and measures 43" x 90". Breathable top panel is 41" x 76". 50" nylon coil zipper is located on one side for easy access. Corner grommets. Will double as a tarp or groundsheet. Stuffsack included. Color: assorted.

Wt. 18 oz. \$22.50



SIERRA WEST FOAM PAD

A 20" x 50" x 1½" extra firm foam pad covered with nylon. Bottom side is waterproof while the top has been treated to give it the feel and non-slip qualities of cotton. The pad can be rolled into a 9" x 20" size and secured by straps. Color: green. Wt. 27 oz. \$12.50



POLYURETHANE SLEEPING MAT

Comfortable, all-purpose mat of convoluted polyurethane. Although more bulky than an air mattress, it is equal in comfort, lighter and superior in insulation. 2" overall thickness, 21" x 76", rolled size 13" x 21". Wt. 32 oz. \$6.50



ENSOLITE SLEEPING PAD

Unicellular material will not soak up water like foam rubber. Reasonable comfort with superior insulation from ground cold and dampness. 3/8" thick.

18" x 42" (rolled size 5" x 18")
Wt. 14 oz. \$6.50
21" x 56" (half sheet)
Wt. 20 oz. \$9.50
42" x 56" (full sheet)
Wt. 40 oz. \$17.50



AIRLIFT MATTRESSES

A unique design consisting of individual polyvinyl air tubes contained in separate compartments within a ripstop nylon taffeta shell. Nylon zipper closes shell to keep out dirt and debris. Tubes are individually inflated and if punctured can be removed and a spare inserted. Stuffsack and spare tube included. Size: 42" x 20".

Wt. 20 oz. \$18.50
Extra tube. \$1.50



THERMA-REST PAD

A self-inflating mattress combining the best features of an air mattress with those of a foam pad. Made with an airtight outer shell surrounding an open-cell foam core.

Deflated by opening a valve and rolling the air out. Mattress remains rolled when valve is closed. Inflated size: 47 x 19 x 1½ inches. Rolled size: 5" x 19". Color: yellow.

Wt. 23 oz. \$29.50



SPORTS HAMMOCK

Our nylon mesh hammock is a favorite year after year. More than a bed, it can also be used for suspending supplies in camp or as a rescue stretcher. Tie ropes and metal attachment rings are included. Full size 4' by 6½' net rolls into a pocket size ball. Wt. 8 oz. \$7.00

SIERRA WEST 2-MAN GROUND SHEET

A single 60" x 96" piece of waterproofed ripstop nylon with eight reinforced grommets around the perimeter. Color: assorted. Wt. 15½ oz. \$16.00

STEBCO AIR PILLOW

Inflatable nylon. Size 15" x 18". Color: green. Wt. 5 oz. \$2.50



PACKS

On the trail, the backpacker's "home" is carried on his back. All supplies and camp gear are carried in a pack bag and the way this weight is transferred to your body makes the difference between a joyful experience and a painful struggle.

There are many kinds of packs made today for man or beast. They range from "soft" packs with no frame, through internal frame models to rigid external contour frame packs. For the average backpacker, the rigid external frame pack is probably the best choice. This type of frame makes it possible to carry heavy, bulky loads with comparative ease. By placing the weight high and close to the wearer's back, the backpacker no longer has to lean forward to balance the load. Most packframes of this type include a padded hip belt transferring the weight to the wearer's hips, which are most capable of supporting weight. Additionally the external frame supports the pack by creating a space for air circulation between the pack bag and the wearer's back. Properly fitted and adjusted, the rigid external frame pack is definitely the most comfortable for heavy loads.

Although the external frame pack is the right choice for most trail use, internal frame packs provide critical balance and greater freedom of movement. The rigid frame will sway slightly with the body, and while this is unnoticeable in normal use for the skier or climber it is not only unnerving but it can be downright hazardous. Internal frame packs ride directly on your back, have a more compact shape, and are less apt to hang-up in tight situations. Incidentally hitch-hikers and travelers or commercial carriers like these packs since there is no external frame to get hung-up in the baggage conveyor or when getting in and out of cars. Keep in mind that packs that ride directly on your back require careful packing for maximum comfort. For short trips and hikes a frameless daypack or fanny pack will suffice.

Capacity and intended use should determine your choice of a pack.



POWELL PACK

A large capacity waist pack providing the wearer with unrestricted shoulder freedom. Made of 11 oz. Cordura cloth with 2" nylon waist belt. Double slider Delrin zipper allows pack to be opened at any point. Two leather accessory strap patches. Capacity: 470 cu. in. Color: navy or red.

Wt. 11 oz..... \$13.50

SIERRA WEST FANNY PACK

Contoured to fit the body this handy pack is ideal for camera, lunch, wax, goggles, etc. Made of urethane-coated nylon duck with adjustable belt of nylon web and nylon zipper. Size: 12½" x 4½". Colors: assorted.

Wt. 6 oz..... \$10.00





SKI HUT KNAPSACK

Our popular low-priced knapsack with padded adjustable shoulder straps. Two zippered pockets and waist strap. Measures 6" x 14" x 16". Made from coated nylon. Colors: red, blue or yellow.

Wt. 18 oz. \$12.00



JUNIOR KNAPSACK

An inexpensive children's pack. This small knapsack (11" x 12") has a patch pocket located on the outside under the flap. Adjustable waist and shoulder straps. Made from coated nylon. Colors: red, green or yellow.

Wt. 9 oz. \$ 6.00

TRAILWISE SUMMIT PACK

A teardrop shaped pack for climbing or day use. Made from tough Cordura nylon that is urethane-coated for water repellency. Double layer of fabric on bottom, 20" zipper at top. Ice axe loop and tie patch. Shoulder straps are padded with Ensolite. Waist belt has quick release buckle. Height: 19" bottom: 6" x 14". Color: Blue. Wt. 20 oz. \$24.00



BOTTLE BAG

A simple open pouch with belt loop. Holds bottles up to 1 quart in size. Perfect as a chalk bag when bouldering. Urethane-coated nylon. Elastic at top. Colors as available.

Wt. 1½ oz. \$ 3.00

HINE BELT POUCH

A convenient and easily accessible pouch for snacks, glasses, first-aid supplies, and anything small. Made of waterproof nylon duck. Nylon zipper and belt loops. Size 4½" x 7½" x 2". Colors: red or blue.

Wt. 2 oz. \$ 3.50



TRAILWISE PACK FRAME

Comfort, durability and lightness have been the foremost considerations in designing the Trailwise frame. The frame is formed of thick walled, non-corrosive 6061 T6 aluminum alloy and every joint is heli-arc welded so that all components contribute to structural strength. The tapered, contoured frame shapes the load around the back and extends the effective carrying area of the back, both in width and height. A full mesh back panel distributes weight and provides maximum air circulation between pack and wearer. Ensolite padded cross straps give excellent weight distribution and allow the load to be transferred to the hips. The wide 3½" full circle padded hip belt comfortably supports the weight when it is transferred from the shoulders. A nylon hauling strap is secured to the cross member. Rivnuts and eye bolts for mounting Trailwise pack bags are included. The eyebolts can also be used as lashing points.

Small	Wt. 35 oz.	\$50.00
Medium	Wt. 37 oz.	\$50.00
Large	Wt. 40 oz.	\$50.00

TRAILWISE PACK FITTING CHART

Back size—measured from hip bone to top of shoulder.

13"-16"	Small Pack Frame
17"-20"	Medium Pack Frame
21"-26"	Large Pack Frame



Pack Frame Accessories

TRAILWISE SHOULDER YOKE

Crossover straps to fit Trailwise contour frame. All nylon with Ensolite padding. Three-way adjustment for perfect fit. Aluminum tabler buckles allow effortless adjustment of straps, even when wearing pack. Wt. 8 oz. \$12.00

NYLON MESH BACK

Strong gauge nylon mesh. Grommets installed along edges and corners for lacing to frame. Lace included.

S-11¼" x 13"	wt. 2 oz.	\$9.00
M-12" x 14½"	wt. 3 oz.	\$9.00
L-13¼" x 17"	wt. 3 oz.	\$9.00

TRAILWISE PADDED HIP BELT

Deluxe full circle belt is nylon web, padded with Ensolite, and covered with nylon duck. 3½" wide. The most effective and comfortable hip belt made. Specify frame size. For small and medium frames. Wt. 4½ oz. \$9.50
For large frames Wt. 5 oz. \$9.50

TRAILWISE HEAVY-DUTY STUFFBAG

Made of waterproof urethane-coated nylon duck, as used in Trailwise packs. Size 9" x 21". Colors: royal blue or cedar brown. Wt. 5 oz. \$5.00

CLEVIS PINS. 1¼" long. Includes keeper ring 5/\$1.00

EYE BOLTS. For attaching pack bags to Trailwise frames. 5/\$1.00

PLASTIC PLUG. Fits on top end of frame. Wt. ½ oz. 2/\$.25

PLASTIC CAPS. Fits on bottom end of frame. wt. ½ oz. 2/\$.25

PACK FRAME REPAIR KIT. 2 clevis pins, 4 eyebolts, 2 plugs, 2 caps, 2 tabler buckles. Wt. 2 oz. \$1.50



72

TRAILWISE PACK BAG #72

This is the pack that Colin Fletcher made famous in his books such as "The Complete Walker". The single spacious sack, measuring 17" x 29" x 9½" (4683 cu. in.) is roomy enough to hold all your gear for extended outings. Zippered side pockets and under-flap rear pocket add 1150 cu. in. for a total capacity of 6,013 cu. in. Access to pockets is by nylon zippers covered with storm flaps. Material is 420 Denier heavy-duty waterproof industrial grade nylon—stronger and more resistant to abrasion than the lighter weight 400 Denier commercial grade used by many other manufacturers. Aluminum "U" tube holds bag open for easy access. Leather tie-down patches and accessory straps are provided. Mounted on the Trailwise aluminum frame. (Specify size). Color: blue or brown. *Dimensions are for large size bag. Medium and small bags are approximately 1" smaller.

Wt. 67 oz. \$85.50

TRAILWISE PACK BAG MODEL #72

(Bag only) Specify size and color.

Wt. 30 oz. \$38.00



73



TRAILWISE PACK BAG #73

A three-quarter-length undivided sack of urethane-coated nylon duck measuring 17" x 22½" x 8". Two full length side pockets with vertical zippers covered by storm flaps. Rear pocket is placed high under flap for best weight distribution and maximum weather protection. Capacity with pockets is 3600 cu. in. Integral nylon straps are used to secure a heavy-duty stuff bag (purchased separately) below main sack. Nylon accessory straps and leather strap patches on flap. Mounted on the Trailwise aluminum contour frame. (Specify size). Color: blue or brown. Wt. 64 oz. \$82.50

TRAILWISE PACK BAG #73

Bag only. Specify size and color. Wt. 27 oz. \$35.00

TRAILWISE HEAVY-DUTY STUFFBAG

Same material as Trailwise pack bag. Provides protection for sleeping bag when mounted below pack bag. Size: 9" x 18". Color: blue or brown. Wt. 5½ oz. \$5.00



74

TRAILWISE PACK BAG #74

Three-quarter-length sack divided into upper and lower compartments. Zippered access to lower compartment. Four side pockets with covered nylon zippers. Back pocket also closes with a nylon zipper and is mounted high up under flap for better weight distribution and weather protection. Total capacity including pockets is 3060 cu. in. Made of extra-heavy waterproof nylon. Integral nylon straps for securing a heavy-duty stuff bag (purchased separately) below pack bag. Two leather strap patches and nylon accessory straps on flap. Mounted on Trailwise aluminum contour frame. (Specify size). Color: blue or brown. Wt. 68 oz. \$89.50

TRAILWISE PACK BAG #74

Bag only. Specify size and color. Wt. 31 oz. \$42.00

TRAILWISE HEAVY-DUTY STUFFBAG

Same material as Trailwise pack bag. Provides protection for sleeping bag when mounted below pack bag. Size: 9" x 18". Color: blue or brown. Wt. 5½ oz. \$5.00





HINE/SNOWBRIDGE

SEREX PACK

An expedition grade pack made from 8 oz. cordura nylon with the ability to handle large loads and bulky equipment. The Serex combines an adjustable yoke suspension system, internal aluminum stays, compressor side straps and a draw string opening. Size 26" x 8" x 16". Approx. vol. 4,500 + cu in. Color: blue or red. Wt. 63 oz. \$84.00
Optional side pockets, Wt. 4 oz. \$12.00/pr.

TAMARACK

A multi-purpose pack for backpacking, ski touring, hitching, trucking or traveling. Can be used as carry-on luggage when flying—small enough to fit under a jet seat. Internal "x" stays for a flexible frame that won't get hung up getting in and out of cars. Made of 11 oz. Cordura nylon with three exterior pockets plus a map pocket on top. Inverted "U" zipper allows full access. 14" x 21" x 8". Approx. vol. 3,000 cu. in. Color: navy or red. Wt. 52 oz. \$64.00



DAY PACK

An economical rectangular pack with zippered opening and zippered back pocket, padded shoulder straps and nylon waist belt. Fabric is 8 oz. urethane-coated nylon. Size: 16" x 15" x 12", 950 cu. in. Color: navy or orange. Wt. 16 oz. \$19.50



SKI MOUNTAINEER

A medium capacity pack made from 8 oz. urethane-coated nylon. Padded leather shoulder straps, removable aluminum stays and leather bottom. Ski slots are located behind the 9" x 3" x 5" side pockets. Top flap pocket is 11" x 3" x 10". Main compartment is 18" x 6" x 12" with a drawstring closure. Approx. vol. 2,000+ cu. in. Color: navy or orange. Wt. 46 oz. \$49.50

CAMP TRAILS SKYLINE CRUISER FRAME

Welded tubular aluminum frame with padded hipbelt. Four cross members for extra strength. Drilled for Camp Trails side-mounted pack bags. Adjustable padded nylon shoulder straps. One 5" wide nylon backband with T-Bar turnbuckle adjustment. Large padded hipbelt. Four holes in cross bar allow lateral adjustment of shoulder pads. Dimensions: 31½" x 14½" (large size). Size: medium or large. Av. Wt. 36 oz. \$24.50

SKYLINE PACK BAG

A beautiful pack bag for those who carry normal sized loads. Divided bag of waterproof urethane-coated nylon. Five outside pockets with covered-zipper closures. Pin mounted to side of frame. Zippered opening to bottom compartment of bag. Spreader bar. Map pocket has velcro closure. Two nylon ties on storm flap. Volume: medium 2780 cu. in., large 3050 cu. in. Color: blue or forest green. Size: medium or large. Av. Wt. 23 oz. \$32.00

CAMP TRAILS PADDED WAISTBELT

A full circle waistbelt made of urethane coated brown nylon duck. 4½" wide and ½" thick. Quick release buckle on 1½" front webbing. Support cords to keep belt upright. Size: medium (to waist size 35"), large (36" to 39") and extra large (40" to 47"). Av. Wt. 6 oz. \$9.00



CAMP TRAILS CORSAIR PACK

Tubular aluminum frame with four cross-members, adjustable to four different positions as the young backpacker grows. Two three-inch nylon backbands for individual adjustment. Padded shoulder straps with easily-adjusted buckles. Pack is made from water-repellent nylon. Large middle compartment with storm flap. Two spacious outside pockets with covered coil zippers. Pack capacity 1465 cu. in. Frame height 24 in., width, 12½ in. Comes with waistband. Bag color: green. Wt. 34 oz. \$32.00



TRAILWISE STUFFBAGS

Made of lightweight coated waterproof nylon. Drawcord closure with nylon slide lock.

4" x 6",	wt. 1 oz.	\$1.50
5" x 10",	wt. 1 3/4 oz.	\$1.65
7" x 11",	wt. 2 oz.	\$2.10
7" x 18",	wt. 2 1/4 oz.	\$2.30
9" x 18",	wt. 2 1/2 oz.	\$3.10
9" x 21",	wt. 2 3/4 oz.	\$3.25

ACCESSORY STRAPS

40" nylon strap with buckle. Wt. 20 oz. \$1.50/pr.



CARIBOU DUFFER

A duffel bag that becomes a backpack with adjustable 2" nylon shoulder straps. Made from 8 oz. nylon packcloth with a two-way zipper closure and outside pocket. Small: 1,680 cu. in. Large: 3,312 cu. in. Color: brown or blue.

Small, 20" x 14" x 6",	Wt. 17 3/4 oz.	\$17.50
Large, 23" x 18" x 8",	Wt. 22 1/2 oz.	\$22.50



SIERRA WEST COMPRESSOR BAG

A heavy nylon duck stuff bag measuring 13" x 22". Three adjustable nylon straps can be tightened to further compress contents, reducing bag diameter to 6". Good for bulky sleeping bags. Wt. 5 oz. \$7.50



TRAILWISE LARGE DUFFEL BAG

Strong and light. Urethane-coated nylon duck with wraparound nylon web handles on both ends. Size 14" x 30". Color: royal blue or cedar brown. Wt. 19 oz. \$21.00



BACKCOUNTRY DUFFEL BAG

A medium sized duffel made from 8 oz. heavy nylon duck. Dee rings are provided at each end for lashing. Double-slide zipper that is covered with a flap, zips from the middle of the duffel to both ends. Handle straps are nylon webbing. Color: red, blue or green. Wt. 12 oz. \$17.50



UTILITY BAG

An inexpensive bag suitable for river trips or travel in wet country. Made of rubberized cotton fabric. Drawcord closure. Round bottom. Size 15" x 30". Color: olive drab. Wt. 17 oz. \$3.00

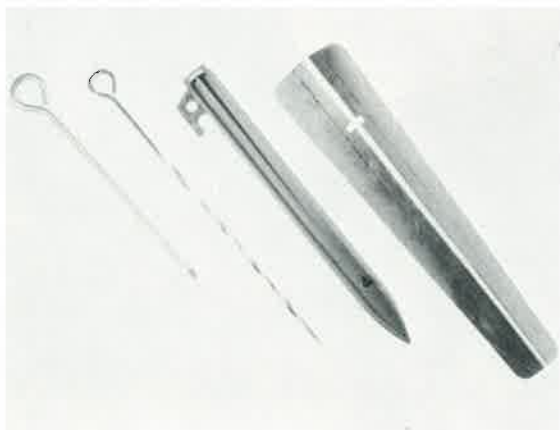
TENTS

The purpose of a tent is to provide shelter. Backpacking tents offer protection and durability with minimum weight and bulk. The most important factor in selecting your tent is that it must be adequate for the task it is to perform. Determine where you are likely to go, during what seasons and the worst weather that you might encounter. Then, select a tent that will provide comfort and protection under those conditions.

For summer backpacking, a simple tarp tent may serve your needs. If insects or other creepy crawlers give you the shivers, consider a tent that provides the additional protection of a floor and mosquito netting. When you extend your activities beyond the summer months, a good choice would be one that offers a supporting frame and waterproof flysheet (often termed a "three-season" tent). If on the other hand, you intend to do winter camping or serious mountaineering, you need a tent that will resist winds, shed snow and stand up to the pounding of winter storms.

STORM RATING

TENT	WEIGHT	SPACE	RAIN	WIND	SNOW	FEATURES
TARP	3 lbs.	1-6 person	good	fair/poor	poor	versatile, lightweight, summer-backpacking
WINDRIVER	3 lbs. 2 oz.	1-2 person	good	fair	poor	basic tube style tent with poles and insect netting.
HALF ASPEN	5 lbs. 6 oz.	1-2 person	excellent	good/excellent	fair/good	lightweight, inexpensive general purpose tent, good solo tent.
EAVE II	6 lbs.	1-2 person	excellent	good/excellent	fair/good	self-supporting, flexible frame, lightweight, easy to set up.
EAVE III	7 lbs.	2-3 person	excellent	good/excellent	fair/good	self-supporting, flexible frame, roomy and lightweight, easy to set up.
MOUNTAIN TENT	7 lbs. 9 oz.	2-person	excellent	excellent	excellent	strong "A"-frame design, stable, complete storm protection
FITZROY II	7 lbs. 2 oz.	2-person	excellent	excellent	excellent	self-supporting "A"-frame design, easy to pitch, stable less weight than Fitzroy III
FITZROY III	8 lbs. 5 oz.	2-person	excellent	excellent	excellent	self-supporting "A"-frame, design, stable, more room than Fitzroy II, complete storm protection, expedition tent.



DURALUMIN PEGS. Round pegs. 7" long. Wt. 1/2 oz. \$.15

TWISTED SKEWER PEG. Light, high-tensile steel. 9" long.

Wt. 1 oz. \$.17

DURAPEG. Strong plastic I-beam construction. 9" long. Color: bright orange.

Wt. 1 1/2 oz. \$.45

ANGLE SNOW PEG. High quality aircraft aluminum snow peg made especially for the Ski Hut. "V" shaped and 10" long with a hole punched 2" from the top.

Wt. 1 1/2 oz. \$.75

GUY LINE TIGHTENER. A small triangular slider, easily adjustable, which locks tent or tarp lines. 3/16" dia. holes; for parachute cord or similar.

Wt. 1/4 oz. \$.15





TRAILWISE WIND RIVER TENT

A simple, effective and easy-to-pitch fabric tube tent. Designed for backpacking in milder conditions. Urethane-coated, water-proof fabric used throughout. Two section aluminum poles fore and aft. Bartacked peg loops and pull-outs of 1" webbing. Floor length is 86", width tapers from 58" to 42" at rear. Height tapers from 46" at front peak to 38" at rear. A solid panel of mosquito netting is sewn over the smaller end opening, while a zippered net is used to close the entrance for complete protection from mosquitos and things that crawl in the night. Comes complete with poles and stuffsack. Colors: Brick floor and pumpkin canopy or vice-versa. Wt. 3 lbs. 2 oz. \$59.50
Extra poles (per pair) Wt. 9 oz. \$ 9.00

TRAILWISE MOUNTAIN TENT

An exceptionally rigid "A"-frame tent designed to stand up to high wind and severe weather. Made of 1.9 oz. Ripstop nylon; supported by aluminum sectional poles set in nylon sleeves. Floor measures 56" x 89". Height is 45". Zippered closures on front panel with zippered nylon mosquito screen. Tunnel door with mosquito net on rear panel. Adjustable, netted ventilating tunnel at peak of rear panel allows complete ventilation with protection from insects. Sewn-in floor of waterproof double-urethane-coated Ripstop nylon extends 13" up side of tent. Net pockets for organizing small items. Includes poles and pegs, guylines, shock rings, and stuffsack. Color: blue, or green with gold floor and fly. Two Man Mountain Tent complete with fly, poles, pegs.

7 lb. 9 oz. \$170.00
Extra Poles (per set) 1 lb. 4 oz. \$ 21.50





TRAILWISE FITZROY TENTS

These unique self-supporting "A" frame tents can be pitched with four corner stakes and no guy lines. Simply peg down the four corners to anchor the tent and the pole placement balances the stress so that the tent is stable without guy lines under most conditions (under extreme wind the tent should be guyed out for stability). The shape of the Fitzroy tents, combined with their self-standing construction, makes them unusually commodious for their size and weight. Both Fitzroys have triangular entrances with covered coil zippers. In addition, the Fitzroy III has a tunnel door at the rear. A tunnel vent is provided on the back panel. Entrances and vent are backed with mosquito netting. Inside pockets provide storage for organizing small items. Shock-cord coupled aluminum sectional poles pass through nylon sleeves and fasten to peak fittings. Fabric is flame resistant 1.9 oz. Rip-stop nylon. End panels and floor (which extends 11" up the side) are waterproofed with Super K-Kote.

FITZROY III—The original self-supporting expedition tent. Roomy and stable under extreme weather. Floor: 60" x 102". Ridgeline: 57". Height at peaks is 51", 49" at midridge. Color: blue or green with gold floor and fly. Complete tent with fly, poles, pegs, 8 lbs. 5 oz. \$200.00
Extra Poles (per set) 1 lb. 12 oz. \$22.50

FITZROY II—A lighter version of the Fitzroy III without tunnel entrance. 60" x 102" Ridgeline: 54". Height at peaks is 45", 44" at midridge. Color: blue or green with gold floor and fly. Complete tent with fly, poles, pegs, 7 lbs. 2 oz. \$170.00
Extra poles (per set) 1 lb. 12 oz. \$21.50



MOSS EAVE TENTS

Bill Moss, designer of the revolutionary "Pop" tent, continues in the Eave tents to utilize the concept of flexible wands supporting the structure. This design, based on flexible tension, is strong and characterized by rounded shapes that "spill" the wind and minimize drag. Anyone can pitch these spacious lightweight tents in a matter of minutes.

Openness and ventilation are achieved with zipper arched front entrance and full width rear window; backed with "no-see-um" proof netting. Contoured fly is easy to attach requiring no extra pegs. Net pockets help in organizing small items. Fabric is fire-retardant nylon and the floor, sidewalls and rainfly are urethane coated. Muted colors as available.



EAVE II—Light enough for a one-man tent with room for two. Length: 7'5" width: 5'9" tapering 3'7" Height at front: 48", at rear 37".

Wt. 6 lbs. \$165.00

EAVE III—Perfect for car camping and light enough for backpacking. Length: 7'7" Width: 6'8" tapering to 4'10" Height at front: 46", at rear 39".

Wt. 7 lbs. \$195.00



HALF ASPEN

A lightweight 2-man tent with a double zippered front entrance backed with a "No-see-um" netting door. A single set of "A"-frame poles is canted to eliminate the front guy line. The canopy slopes from front to rear where 13" fiberglass rods give rigid

support to the back corners. A netted skylight is provided. Dimensions: 64" x 90" Height, 45" at peak with 13" sidewalls. Color: blue or tan. Wt. 5 lbs. 6 oz. \$127.00



SIERRA WEST TARP TENT

Simple, lightweight and versatile, this 10' x 10 1/2' coated Ripstop tarpaulin may be pitched in an endless variety of configurations. It is adaptable to almost all site and weather conditions and will provide shelter for one to six persons. Grommets and tapes provide tie points. Comes in a stuff sack with cord and 6 pegs. Colors as available. Wt. 48 oz. \$45.00



SNOWSHOE FURNITURE

Handcrafted by Tubbs of Vermont from selected New England hardwood and varnished rawhide. Each piece is carefully and individually developed from its earliest stages to its final dipped and deep-penetrating urethane finish. As a result, no two pieces are exactly alike. Solid Yankee craftsmanship, tradition, and beauty characterize these unique pieces of furniture. Weather resistant finish makes furniture suitable for indoor and outdoor use.

FOLDING CHAIR—Overall ht 28". Seat ht. 8"
 Shipping Wt. 10 lbs. \$60.00
 Shipping and handling anywhere in the U.S. \$5.00

ROCKER—overall ht. 34", seat ht. 17"
 Shipping wt. 15 lbs. \$100.00
 Shipping and handling anywhere in the U.S. \$5.00

LOVE SEAT—Overall ht. 34", Seat ht. 17"
 Shipping wt. 20 lbs. \$155.00
 Shipping and handling anywhere in the U.S. \$5.00

COFFEE TABLE—Oval-shaped solid wool top, 18½ x 39 in. laced to wooden frame. 14 in. high with a laced lower shelf.
 Shipping Wt. 13 lbs. 2 oz. \$85.00
 Shipping and handling anywhere in the U.S. \$5.00



ALADDIN LAMPS

Exclusive mantle/burner makes the Aladdin the most efficient kerosene burning lamp ever designed. Burning a blend of 94% air and 6% kerosene, these lamps emit a steady white light adjustable in intensity from candle-glow to the equivalent of 100 watts of electric light. Fuel consumption is 50 hours per gallon of kerosene. Aladdin lamps are smokeless, odorless and silent.

ALADDIN LOW-BOY

The Low-Boy is an inexpensive, dependable, all-purpose table lamp for camp or home. Simple aluminum fount without separate base keeps weight low for stability. Comes complete with mantle, wick, and wick cleaner. Wt. 1 lb. 5 oz. \$23.50



ALADDIN "TURN OF THE CENTURY" LAMP

Elegant charm and nostalgia combined in an efficient, reliable kerosene lamp recalling the fabulous "gas light" era. Bowl and burner are polished brass, complemented by Aladdin's white glass shade—an original design of hand-painted dogwood blossoms. Overall height 23½". Whether you use it as a distinctive "decorator touch" in accent lighting or as a primary source of light, the Aladdin lamp is always dependable. Wt. 4 lbs. 2 oz. \$67.50

PARTS FOR ALADDIN LAMPS

CHIMNEYS. Reg. (use under 5,000 ft.)	
Wt. 7 oz.	\$4.15
High Altitude (use over 5,000 ft.) Wt. 8 oz.	\$5.00
MANTLE. Wt. ½ oz.	\$1.65
WICK. (Specify burner model "C" or "23" as indicated on adjusting knob). Wt. 1 oz.	\$1.85
WICK CLEANER. Wt. ½ oz.	\$.65



ALADDIN COLONIAL LAMP

An authentic reproduction of the original Aladdin lamp, the Colonial is fashionably functional. Distinctive hand-blown amber glass base. Burlap shade provides soft light for setting the mood. Burns 12 hours on one quart of kerosene and puts out a light intensity equal to a 75 watt electric bulb. Wt. 5 lbs. \$42.00





DOWN COMFORTER

This comforter utilizes design features and materials used in the finest down sleeping bags and will provide years of weightless warmth. Because they are not quilted but fully baffled, maximum loft and even heat distribution are achieved. Top fabric is nylon taffeta that has a soft smooth feel. Bottom fabric is a blend of nylon, cotton and polyester that will not slide off the bed during your sleep. Each comforter comes with its own stuffsack. Color: dark blue bottom with light blue top or dark green bottom with light green top.

KING SIZE 96" x 100". 3 lbs. goose down fill. Wt. 6 lbs.	\$165.00
QUEEN SIZE 82" x 96" 2 lbs. 8 oz. goose down fill. Wt. 4 lbs. 13 oz.	\$140.00
TWIN SIZE 60" x 84" 1 lb. 8 oz.	\$95.00



STAINLESS STEEL VACUUM BOTTLES

Battleship strong and backed with a five-year factory guarantee, these unbreakable bottles by Aladdin/Stanley will keep your coffee steaming hot (or your martinis frosty cold) all day long. Stainless steel liner is safe and sanitary—can't rust, stain or absorb odors. Best of all there is no glass to break.

1 pt.....	Wt. 15 oz.	\$20.00
1 qt.....	Wt. 20 oz.....	\$24.00
2 qt.....	Wt. 28 oz.....	\$31.00



TINY TIME ALARM CLOCK

A miniature electronic alarm clock for those who want to be up at the crack of dawn. Compact, 4 1/4" x 1 1/4", the Tiny Time operates for approximately one year on a single AA Penlite battery (not included). It has 6 transistors, 4 jewels, a luminous dial, sweep second hand and fast/slow adjustment. Travelcase included. Wt. 4 oz. \$25.00

SKI HUT INDEX

Air mattresses.....	77
Altimeter.....	51
Bandanas.....	29
Binoculars.....	50
Books.....	66-71
Boots and boot accessories.....	33-37
Cagoule.....	26
Climbing gear.....	38-41
Compasses.....	46
Containers—food, water, fuel.....	62, 63
Cookware.....	61, 62
Clothing.....	2-32
Crampons.....	40
Duffles.....	86
First aid.....	45
Food.....	59, 60
Gaiters.....	36, 37
Glasses and goggles.....	40, 43
Gloves and mitts.....	31
Groundsheets.....	77
Hammers.....	39
Hand warmer.....	44
Hats and head gear.....	17, 18, 20, 21, 29
Helmets.....	39
Ice axes.....	41
Instruments.....	50, 51
Kayaking.....	55-58
Knickers.....	25
Knives.....	52, 53
Lights and lanterns.....	47
Mattresses and pads.....	77
Miscellaneous.....	45
Moccasins.....	33
Packs.....	78-85
Pants.....	22-24
Parkas.....	2, 3, 4, 6, 8, 9, 26
Ponchos.....	27
Pots and pans.....	61, 62
Raingear.....	25-28
Rope.....	39
Saws.....	54
Shirts.....	10-16
Shorts.....	22-24
Ski mountaineering.....	42-44
Sleeping bags.....	72-76
Snowshoes.....	43
Socks.....	32
Stoves and cookers.....	64, 65
Stuffsacks.....	86
Survival.....	44, 45
Sweaters.....	17-21
Tents and tent accessories.....	87-91
Thermometers.....	51
Underwear.....	30

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Paul Herzoff

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Front Cover: Oaks in Hidden Canyon, Zion, Utah

Back Cover: Aspens beside Cottonwood Creek,
White Mountains, California



THE SKI HUT
P.O. Box 309
1615 University Ave.
Berkeley, Ca. 94701

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